Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-04-21-02** **Date: 04/09/2018**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /03
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	04/09/2018	150.22 X 150.34 X 150.25	22584	8.281	275.5	12.2	12.5
2	M15 cubes	M15	28/08/2018	04/09/2018	150.32 X 150.34 X 150.45	22599	8.291	282.5	12.5	
3	M15 cubes	M15	28/08/2018	04/09/2018	150.32 X 150.24 X 150.25	22584	8.301	291.3	12.9	

Note:
The results pertain to the samples received and tested.
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Certificate No: TC- 9648

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-04-21-02

Date: 25/09/2018

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14

Agency : Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.

Customer's Reference : EE/DD/WO/395/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 21-04-2018

Sample ID No : 2018-04-21-02 /04

Customer ID : M15 cubes

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	25/09/2018	151.90 X 150.54 X 150.18	22867	8.443	393.3	17.2	17.4
2	M15 cubes	M15	28/08/2018	25/09/2018	150.64 X 151.26 X 150.76	22786	8.055	403.3	17.7	
3	M15 cubes	M15	28/08/2018	25/09/2018	149.15 X 150.98 X 149.19	22518	8.300	391.8	17.4	

Note:

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Certificate No.: TC- 9648

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 04/09/2018

Lab ID	:	CP-2018-04-21-02
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /05
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	04/09/2018	150.22 X 150.34 X 150.25	22584	8.281	295.9	13.1	12.7
2	M15 cubes	M15	28/08/2018	04/09/2018	150.32 X 150.34 X 150.45	22599	8.291	280.2	12.4	
3	M15 cubes	M15	28/08/2018	04/09/2018	150.32 X 150.24 X 150.25	22584	8.301	284.6	12.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 25/09/2018

Lab ID	:	**CP-2018-04-21-02**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /06
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	25/09/2018	151.90 X 150.54 X 150.18	22867	8.443	409.3	17.9	17.7
2	M15 cubes	M15	28/08/2018	25/09/2018	150.64 X 151.26 X 150.76	22786	8.055	403.3	17.7	
3	M15 cubes	M15	28/08/2018	25/09/2018	149.15 X 150.98 X 149.19	22518	8.300	396.3	17.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-09-04-02** **Date: 07/09/2018**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no 14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-09-2018
Sample ID No	:	2018-09-04-02 /01
Customer ID	:	CC PAVEMENT
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M40 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	07/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	CC PAVEMENT	M40	31/08/2018	07/09/2018	151.67 X 149.06 X 149.40	22608	8.343	766.4	33.9	33.5
2	CC PAVEMENT	M40	31/08/2018	07/09/2018	150.06 X 150.90 X 151.51	22645	8.298	751.8	33.2	
3	CC PAVEMENT	M40	31/08/2018	07/09/2018	149.72 X 151.73 X 149.29	22717	8.468	758.8	33.4	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/09/2018

Lab ID : CP-2018-09-04-02

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC roads and drains at Vinayakanagara in Jagadagiri in Ward no.14

Agency : Sri. DR. Ramesh Babu, No.1884, 4th 'A' Block, Rajajinagara, 2nd Stage, Bangalore-560010.

Customer's Reference : BB/DD/WO/095/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 04-09-2018

Sample ID No : 2018-09-04-02 02

Customer ID : CC PAVEMENT

Sample Type/ Size : 150X150X150 mm

Sample grade/Age : M40 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 'Methods of Tests for Strength of Concrete' Cl.5

Date of test : 26/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen mm	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1.	CC PAVEMENT	M40	21/09/2018	26/09/2018	149.57 X 151.11 X 150.12	22501	8.388	950.3	42.4	42.2
2.	CC PAVEMENT	M40	21/09/2018	26/09/2018	150.07 X 150.77 X 150.48	22747	7.995	952.7	42.2	
3.	CC PAVEMENT	M40	21/09/2018	26/09/2018	150.76 X 150.73 X 151.01	22725	8.109	1002.1	44.1	

Note:

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All information furnished by Customer Representative.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-09-04-02**

Date: 07/09/2018

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14

Agency : Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.

Customer's Reference : EE/DD/WO/395/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 04-09-2018

Sample ID No : 2018-09-04-02 /01

Customer ID : CC PAVEMENT

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M40 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	CC PAVEMENT	M40	31/08/2018	07/09/2018	151.67 X 149.06 X 149.40	22608	8.343	766.4	33.9	33.4
2	CC PAVEMENT	M40	31/08/2018	07/09/2018	150.06 X 150.90 X 151.51	22645	8.298	763.1	33.7	
3	CC PAVEMENT	M40	31/08/2018	07/09/2018	149.72 X 151.73 X 149.29	22717	8.468	740.6	32.6	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-09-04-02** **Date: 28/09/2018**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-09-2018
Sample ID No	:	2018-09-04-02 /02
Customer ID	:	CC PAVEMENT
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M40 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	28/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	CC PAVEMENT	M40	31/08/2018	28/09/2018	150.63 X 150.00 X 149.74	22595	8.215	991.9	43.9	43.5
2	CC PAVEMENT	M40	31/08/2018	28/09/2018	150.39 X 150.74 X 151.87	22671	8.392	970.3	42.8	
3	CC PAVEMENT	M40	31/08/2018	28/09/2018	151.01 X 151.83 X 150.87	22928	8.280	1006.5	43.9	

Note:

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